

ABSTRACT OF THE DISCLOSURE

A heat storage tank includes a tank body having a cylindrical opening portion at one end side, and a coolant passage portion for defining therein flow passages communicating with the tank body. The tank body stores a coolant of a liquid-cooled engine therein while being thermal insulated, and the coolant flows into and flows out of the tank body through the flow passages. The coolant passage portion includes an insertion portion that is inserted into the opening portion in its axial direction. At least two O-rings are provided between the opening portion of the tank body and the insertion portion to seal a clearance therebetween, and are lined in the axial direction to be separated from each other in the axial direction by a predetermined distance. Accordingly, the heat storage tank can improve sealing performance of the coolant.